Ch 11 Test tomorrow

This is how the formulas will appear.

$a_n = a_1 + (n-1)d$

$a_n = a_1 r^{n-1}$

$S_n = \frac{n}{2}(a_1 + a_n)$

$S_n = \frac{n}{2}(2a_1 + (n-1)d)$

$S_n = \frac{a_1 - ra_n}{1-r}$

$S_n = \frac{a_1 - a_1 r^n}{1-r}$

$S_n = \frac{a_1(1-r^n)}{1-r}$

$S_\infty = \frac{a_1}{1-r}$

Be able to
- find a specific term
- find a sum
- find means
- find d or r
- put into sigma notation
- solve word problems
- arith., geom, or infinite

- find terms in a recursive or special sequence
- find iterates
- expand a binomial using Pascal's triangle

Review Assignment
p627 #s 1-18, 23, 24
p626 #46
p624 #26
p623 #18 (put into sigma notation and find sum)